

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled)

2. (Currently Amended) A method of correcting the refractive error in the cornea of an eye, comprising the steps of

positioning a reshaping device having a predetermined first surface adjacent the exposed internal corneal surface, so that the reshaping device overlies a portion of the exposed internal corneal surface,

heating the reshaping device using a liquid with a predetermined temperature, which in turn heats the cornea to soften the portion of the exposed internal corneal surface that the reshaping device overlies,

administering the liquid through an irrigation port in the reshaping device, and
reshaping the softened portion of the exposed internal corneal surface, so that the exposed internal corneal surface substantially conforms to the predetermined first surface of the reshaping device.

3. (Original) A method according to claim 2, further comprising the steps of

monitoring the temperature of the reshaping device using at least one thermal couple; and

maintaining the temperature of the reshaping device at a substantially uniform temperature.

4. (Canceled)

5. (Canceled)

6. (Previously Presented) A method according to claim 2, further comprising the step of repositioning the flap, so that it overlies the exposed internal corneal surface.

7. (Previously Presented) A method according to claim 2, further comprising the steps of removing the reshaping device, and repositioning the flap, so that it overlies the exposed internal corneal surface.

8. (Canceled)

9. (Original) A method according to claim 2, wherein the positioning step includes positioning a reshaping device configured to correct myopia.

10. (Original) A method according to claim 2, wherein the positioning step includes positioning an reshaping device configured to correct hyperopia.

11. (Canceled)

12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Canceled)

16. (Currently Amended) A method according to claim ~~15~~ 2, further comprising the step of removing the liquid through an aspiration port in the reshaping device.

17. (Canceled)

18. (Currently Amended) A method of correcting the refractive error in the cornea of an eye, comprising the steps of

separating a portion of the cornea to form first and second internal surfaces,
moving the first surface away from the second surface,
positioning a reshaping device having a predetermined first surface adjacent the second internal surface, so that the reshaping device overlies a portion of the cornea,

heating the reshaping device using a liquid with a predetermined temperature, which in turn heats the cornea to soften the portion of the cornea that the reshaping device overlies, administering the liquid through an irrigation port in the reshaping device, and reshaping the softened portion of the cornea, so that the cornea substantially conforms to the predetermined first surface of the reshaping device.

19. (Original) A method according to claim 18, further comprising the steps of monitoring the temperature of the reshaping device using at least one thermal couple; and maintaining the temperature of the reshaping device at a substantially uniform temperature.

20. (Original) A method according to claim 18, wherein the heating step includes heating the reshaping device so that the heat is distributed substantially uniformly through the reshaping device.

21. (Original) A method according to claim 18, further comprising the steps of removing the reshaping device, and repositioning the first surface, so that it overlies the second surface.

22. (Canceled)

23. (Original) A method according to claim 18, wherein the positioning step includes positioning a reshaping device configured to correct myopia.

24. (Original) A method according to claim 18, wherein

the positioning step includes positioning an reshaping device configured to correct hyperopia.

25. (Canceled)

26. (Canceled)

27. (Canceled)

28. (Canceled)

29. (Canceled)

30. (Currently Amended) A method according to claim ~~29~~ 18, further comprising the step of removing the liquid through an aspiration port in the reshaping device.

31. (Canceled)

32. (Canceled)

33. (Canceled)

34. (Canceled)

35. (Canceled)

36. (Canceled)

37. (Canceled)

38. (Canceled)

39. (Canceled)

40. (Canceled)